

ITEM: 12

SUBJECT: Cleanup and Abatement Account Fund Resolutions

- a. Southwest Avenue Alternative Water Supply for PCE Impacted Private Domestic Wells by Sacramento County
- b. Sierra Laundry Investigation of Public Health Risks from PCE in Groundwater, Sonora, Tuolumne County

BOARD ACTION: *Consideration of Resolutions Supporting Project Funding*

BACKGROUND: The Cleanup and Abatement Account (CAA) is funded by monies received from court judgments and the assessment of administrative civil liabilities. The CAA monies may be used to contract for services to cleanup a waste or abate the effects of a waste discharge or remedy an actual or potential public health threat. For the State Board to approve a project for CAA funding a Regional Board Resolution must be included in the application. The State Board will be approving this years projects at their September Board meeting.

Two Resolutions are being considered for CAA funding.

- (a) Sacramento County is requesting \$90,000 from the CAA Fund for providing an alternative water supply for 7 residential properties on Southwest Avenue whose water supply wells have been impacted by tetrachloroethylene (PCE). Sampling initially conducted as part of an underground storage tank leak identified PCE concentrations ranging from 2.2 ug/L to 16 ug/L in the private domestic wells. The Public Health Goal for PCE is 0.06 ug/L and the Maximum Contaminant Level is 5 ug/l. These residents use well water as their sole water source. Currently no responsible parties have been identified and the contaminants continue to pose a public health threat. Sacramento County has the experience and resources within their Public Works Department to conduct construction and installation of treatment units on these wells.
- (b) Former Sierra Laundry is located in Sonora, Tuolumne County. During the course of investigating an underground storage tank release, dry cleaning solvents were found in groundwater. These solvents, tetrachloroethylene (PCE) and trichloroethylene (TCE) are associated with the former Sierra Launderers and Dry Cleaning property. The dry cleaning solvents are found adjacent to Woods Creek, and about 600 feet from a public high school.

The concentrations found in shallow groundwater are sufficiently high to assume that vapor phase migration could adversely affect public health in areas above the plume.

The plume is not defined beyond the parcel boundaries. It is unknown if Woods Creek is polluted, and it is unknown if the plume underlies the high school. There is a resident living on the property above the known plume.

The widow of the former owner, Ms. Charlotte Jacobsen, has submitted financial documents claiming insufficient resources to pay for further investigation. Staff is preparing a Cleanup and Abatement Order naming Ms. Jacobsen.

Tuolumne Utility District provides municipal water to this community and in the past has had at least two wells removed from service due to PCE contamination. The District has expressed an interest in investigating the extent of pollution emanating from this property and initiating remediation, if funds can be made available.

The proposed Resolution requests that the State Water Resources Control Board consider providing \$200,000 from the State Water Pollution Cleanup and Abatement Account to allow the Tuolumne Utility District or other eligible applicant to investigate the extent of pollution, and initiate remediation.

RECOMMENDATION: Adopt resolutions as proposed.

Mgmt. Review \_\_\_\_\_  
Legal Review \_\_\_\_\_

5 August 2005

Central Valley Water Board  
11020 Sun Center Dr. #200  
Rancho Cordova, CA 95670